

Trying 93.51.0.6...Open

```
Welcome to STN International! Enter x:x
LOGINID:ssspta1645lx1
PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2
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\* \* \* \* \* \* \* \* \* \* \* \* \* \* \* Welcome to STN International \* \* \* \* \* \* \* \* \* \* \*

NEWS 1 Feb 2 Web Page URLs for STN Seminar Schedule - N. America  
NEWS 2 Apr 26 Important Derwent Announcement about CPI Changes to  
CPI Subscriber Indexing in 1999

NEWS EXPRESS STN Express with Discover! - New V4.1b Free to V4.1  
Customers  
NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS INTER General Internet Information  
NEWS LOGIN Welcome Banner and News Items  
NEWS PHONE Direct Dial and Telecommunication Network Access to STN  
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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FILE 'HOME' ENTERED AT 15:36:29 ON 11 MAY 1999

=> file

ENTER A FILE NAME OR (HOME) :medline

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION 0.15
FULL ESTIMATED COST	0.15	0.15

FILE 'MEDLINE' ENTERED AT 15:37:12 ON 11 MAY 1999

FILE LAST UPDATED: 4 MAY 1999 (19990504/UP). FILE COVERS 1966 TO DATE.

MEDLINE has been reloaded to reflect the annual MeSH changes made by the National Library of Medicine for 1999. Enter HELP RLOAD for details.

THIS FILE CONTAINS CAS REGISTRY NUMBERS FOR EASY AND ACCURATE  
SUBSTANCE IDENTIFICATION.

=> s group a (a) strepococc?

594589 GROUP  
5227820 A  
27333 GROUP A  
(GROUP (W) A)

6 STREPOCOCC?  
L1 0 GROUP (A) STREPOCOCC?

=> s group a streptococc?

594589 GROUP  
5227820 A  
52196 STREPTOCOCC?  
L2 2992 GROUP A STREPTOCOCC?  
(GROUP (W) A (W) STREPTOCOCC?)

---

=> s streptococc? group a

52196 STREPTOCOCC?  
594589 GROUP  
5227820 A  
L3 408 STREPTOCOCC? GROUP A  
(STREPTOCOCC? (W) GROUP (W) A)

=> s (immuno? or vaccin?) and (l2 or l3)

1123901 IMMUNO?  
94460 VACCIN?  
L4 1505 (IMMUNO? OR VACCIN?) AND (L2 OR L3)

=> s immunogenic (w) (portion# or polypeptide# or protien# or peptide#) and l4

8784 IMMUNOGENIC  
67929 PORTION#  
69047 POLYPEPTIDE#  
44 PROTIENT#  
264336 PEPTIDE#  
352 IMMUNOGENIC (W) (PORTION# OR POLYPEPTIDE# OR PROTIENT# OR  
PEPTIDE  
#)  
L5 0 IMMUNOGENIC (W) (PORTION# OR POLYPEPTIDE# OR PROTIENT# OR  
PEPTIDE  
#) AND L4

=> s (portion# or polypeptide# or protien# or peptide#) and l4

67929 PORTION#  
69047 POLYPEPTIDE#  
44 PROTIENT#  
264336 PEPTIDE#  
L6 177 (PORTION# OR POLYPEPTIDE# OR PROTIENT# OR PEPTIDE#) AND L4

=> s (immunogenic or antigenic) and l6

8784 IMMUNOGENIC  
37489 ANTIGENIC  
L7 28 (IMMUNOGENIC OR ANTIGENIC) AND L6

=> display

ENTER (L7), L# OR ?:17

ENTER ANSWER NUMBER OR RANGE (1):1-28

ENTER DISPLAY FORMAT (BIB):bib,ab

L7 ANSWER 1 OF 28 MEDLINE  
AN 97313131 MEDLINE  
DN 97313131

Trying 9351006...Open

Welcome to STN International! Enter x:x

LOGINID:ssspta16451x1

PASSWORD:

\* \* \* \* \* RECONNECTED TO STN INTERNATIONAL \* \* \* \* \*

SESSION RESUMED IN FILE 'MEDLINE' AT 10:04:18 ON 12 MAY 1999

FILE 'MEDLINE' ENTERED AT 10:04:18 ON 12 MAY 1999

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	5.30	5.45

=> s protect?(2a) immunogenicity

159832 PROTECT?  
7581 IMMUNOGENICITY  
L3 188 PROTECT?(2A) IMMUNOGENICITY

=> d his

(FILE 'HOME' ENTERED AT 09:49:21 ON 12 MAY 1999)

FILE 'MEDLINE' ENTERED AT 09:49:39 ON 12 MAY 1999  
L1 3282 S GROUP A STREPTOCOCC? OR STREPTOCOCC? GROUP A  
L2 10 S MULTI?(W) (SEROTYPE# OR PEPTIDE# ANTIGEN# OR VACCINE# OR  
IMMU  
L3 188 S PROTECT?(2A) IMMUNOGENICITY

=> s l1 and l3

L4 3 L1 AND L3

=> display

ENTER (L4), L# OR ?:14

ENTER ANSWER NUMBER OR RANGE (1):1-3

ENTER DISPLAY FORMAT (BIB):bib,ab

L4 ANSWER 1 OF 3 MEDLINE  
AN 93346765 MEDLINE  
DN 93346765  
TI Recombinant tetravalent group A streptococcal  
M protein vaccine.  
AU Dale J B; Chiang E Y; Lederer J W  
CS Department of Veterans Affairs Medical Center, Memphis, TN 38104..  
NC AI-10085 (NIAID)  
SO JOURNAL OF IMMUNOLOGY, (1993 Aug 15) 151 (4) 2188-94. ✓  
Journal code: IFB. ISSN: 0022-1767.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Abridged Index Medicus Journals; Priority Journals; Cancer Journals  
EM 199311  
AB Previous studies have shown that the amino-terminal regions of

SEARCH ENDED BY USER

=> s group a streptococc? or streptococc? group a

595453 GROUP  
5233967 A  
52234 STREPTOCOCC?  
2995 GROUP A STREPTOCOCC?  
(GROUP (W) A (W) STREPTOCOCC?)  
52234 STREPTOCOCC?

595453 GROUP

5233967 A

408 STREPTOCOCC? GROUP A

(STREPTOCOCC? (W) GROUP (W) A)

L1 3282 GROUP A STREPTOCOCC? OR STREPTOCOCC? GROUP A

=> s multi?(w) (serotype# or peptide# antigen# or vaccine# or immunogen#)

<-----User Break----->

u

SEARCH ENDED BY USER

=> s multi?(w) (serotype# or peptide# antigen# or vaccine# or immunogen#) and

11

491980 MULTI?  
15809 SEROTYPE#  
264697 PEPTIDE#  
409497 ANTIGEN#  
739 PEPTIDE# ANTIGEN#  
(PEPTIDE# (W) ANTIGEN#)  
76068 VACCINE#  
4469 IMMUNOGEN#  
272 MULTI?(W) (SEROTYPE# OR PEPTIDE# ANTIGEN# OR VACCINE# OR

IMMUNOG

EN#)

L2 10 MULTI?(W) (SEROTYPE# OR PEPTIDE# ANTIGEN# OR VACCINE# OR

IMMUNOG

EN#) AND L1

=> display

ENTER (L2), L# OR ?:12

ENTER ANSWER NUMBER OR RANGE (1):1-10

ENTER DISPLAY FORMAT (BIB):bib,ab

L2 ANSWER 1 OF 10 MEDLINE  
AN 1999141627 MEDLINE  
DN 99141627  
TI Multivalent **group A streptococcal** vaccine  
designed to optimize the immunogenicity of six tandem M protein  
fragments.  
AU Dale J B  
CS Veterans Affairs Research Service, University of Tennessee, Memphis  
38104,  
USA. dale.james\_b +. @memphis.med.va.gov  
NC AI-10085 (NIAID)  
SO VACCINE, (1999 Jan) 17 (2) 193-200. X  
Journal code: X60. ISSN: 0264-410X.  
CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals